

Title (en)

BOOSTED HIGH GAIN, VERY WIDE COMMON MODE RANGE, SELF-BIASED OPERATIONAL AMPLIFIER

Title (de)

SELBSTVORGESPANNTER VERSTÄRKER MIT SEHR HOHER VERSTÄRKUNG UND SEHR WEITEM GLEICHTAKTUNTERDRÜCKUNGSBEREICH

Title (fr)

AMPLIFICATEUR OPERATIONNEL AUTOPOLARISE, A PLAGE EN MODE COMMUN TRES LARGE ET A GAIN ELEVE STIMULE

Publication

EP 1279223 B1 20080730 (EN)

Application

EP 01926520 A 20010329

Priority

- US 0110447 W 20010329
- US 54778000 A 20000412

Abstract (en)

[origin: WO0180422A2] A boosted high gain, very wide common mode range, self-biased operational amplifier comprising complementary differential transistor pairs biased by biasing transistors and current mirrors, and comprising two amplifiers, each connected to bias an output cascode transistor so as to provide a very high amplifier output impedance, wherein the biasing transistors and current mirrors are all self-biased via negative feedback.

IPC 8 full level

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